# AirVision

## Quirks and Lessons Learned

**Missy Smith**

**Air Management Division**

**EPC of Hillsborough County**

# Daily Summary Showing Incorrect 24 Hour Wind Direction and Speed

Current Time: 9:27 AM

## Daily Summary Report

Site: A1_DAVIS ISLAND          4/19/2011          Interval: 001h

| Hour | 01 O3 PPB | 02 SO2 PPB | 03 TEO UG/M3 | 04 WD DEG | 05 WS MPH | 06 Filter % %FS | 07 PMNOISE VOLTS | 08 Shelter Temp DEGC | 09 LAM None |
|------|------|------|------|------|------|------|------|------|------|
| 00:00 | 52 | 0 | 26 | 20 | 4 | 81 | .051 | 26 | 4.15 |
| 01:00 | 38 | 0 | 31 | 105 | 2 | 81 | .048 | 26 | 4.15 |
| 02:00 | 27 | 0 | 30 | 118 | 2 | 81 | .046 | 26.1 | 4.15 |
| 03:00 | 18 | 0 | 32 | 159 | 3 | 81 | .044 | 26.2 | 4.15 |
| 04:00 | 26 | 0 | 23 | 184 | 1 | 81 | .045 | 26.1 | 4.15 |
| 05:00 | 9 | 0 | 38 | 151 | 2 | 81 | .051 | 26.3 | 4.15 |
| 06:00 | 9 | 0 | 75 | 130 | 1 | 81 | .047 | 26.1 | 4.15 |
| 07:00 | 10 | 0 | 62 | 124 | 2 | 81 | .045 | 26.1 | 4.15 |
| 08:00 | 19 | 10 | 56 | 147 | 6 | 81 | .046 | 25.9 | 4.15 |
| 09:00 | 28 | 14 | 40 | 153 | 6 | 81 | .053 | 25.8 | 4.16 |
| 10:00 | 30 | 3 | 31 | 180 | 7 | 81 | .056 | 25.6 | 4.16 |
| 11:00 | 31 | 5 | 15 | 185 | 5 | 81 | .057 | 25.6 | 4.16 |
| 12:00 | 34 | 3 | 7 D | 190 | 5 | 81 D | .084 D | 25.4 | 4.17 |
| 13:00 | 39 | 0 | 14 | 206 | 4 | 82 | .064 | 25.5 | 4.17 |
| 14:00 | 42 | 1 | 44 | 247 | 3 | 82 | .066 | 25.5 | 4.17 |
| 15:00 | 42 | 0 | 17 | 268 | 5 | 82 | .071 | 25.5 | 4.17 |
| 16:00 | 39 | 0 | 25 | 268 | 5 | 82 | .06 | 25.5 | 4.17 |
| 17:00 | 32 | 0 | 24 | 267 | 5 | 82 | .051 | 25.4 | 4.16 |
| 18:00 | 26 | 0 | 42 | 283 | 6 | 82 | .05 | 25.5 | 4.16 |
| 19:00 | 22 | 0 | 19 | 279 | 4 | 82 | .045 | 25.5 | 4.16 |
| 20:00 | 20 C | 0 | 33 | 216 | 2 | 82 | .046 | 25.6 | 4.16 |
| 21:00 | 17 C | 0 C | 12 | 328 | 2 | 82 | .072 | 25.5 | 4.16 |
| 22:00 | 14 | 0 C | 12 | 83 | 1 | 82 | .063 | 25.6 | 4.15 |
| 23:00 | 11 | 0 | 10 | 58 | 3 | 82 | .048 | 25.7 | 4.15 |
| Average | 26 | 2 | 30 | 181 | 4 | 81 | .055 | 25.8 | 4.15 |
| Max | 52 | 14 | 75 | 328 | 7 | 82 | .084 | 26.3 | 4.17 |
| Min | 9 | 0 | 7 | 20 | 1 | 81 | .044 | 25.4 | 4.15 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |

# Daily Summary Showing Missing 24 Hour Average (Average = 0)
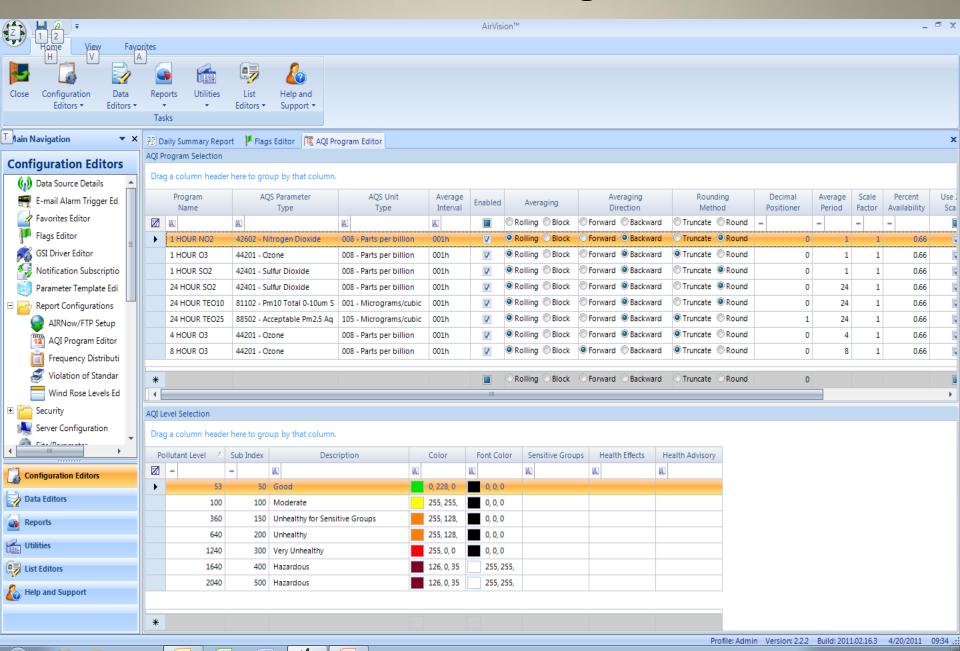
Current Time: 8:50 AM

## Daily Summary Report

Site: C5_SUPER SYDNEY SIT     4/20/2011     Interval: 001h

| Hour | 04 TEO25 UG/M3 | 07 Filter % %FS | 08 PMNOISE VOLTS | 09 NOTL PPB | 10 NOXTL PPB | 11 NOY PPB |
|---|---|---|---|---|---|---|
| 00:00 | 11.3 | 47 | .033 | 0 | 4 | 4 |
| 01:00 | 10.9 | 47 | .033 | 0 | 6 | 6 |
| 02:00 | 12.2 | 47 | .034 | 0 | 6 | 6 |
| 03:00 | 14.4 | 48 | .032 | 0 | 4 | 5 |
| 04:00 | 9.9 | 48 | .031 | 0 | 3 | 3 |
| 05:00 | 6.7 | 48 | .032 | 0 | 3 | 4 |
| 06:00 | 12.3 | 48 | .034 | 0 | 4 | 5 |
| 07:00 | 5.8 | 47 | .031 | 1 | 2 | 4 |
| 08:00 | 6.1 | 47 | .03 | 0 | 1 | 2 |
| 09:00 | 2.2 | 46 | .034 | 0 | 2 | 2 |
| 10:00 | 3.1 | 46 | .035 | 0 | 1 | 2 |
| 11:00 | 2.2 | 46 | .038 | 0 | 1 | 2 |
| 12:00 | 8.1 | 46 | .04 | 0 | 1 | 2 |
| 13:00 | 7.8 | 45 | .036 | 0 | 2 | 2 |
| 14:00 | 8.6 | 46 | .036 | 0 | 2 | 3 |
| 15:00 | 8.6 | 46 | .036 | 0 | 3 | 3 |
| 16:00 | 10.1 | 46 | .039 | 0 | 3 | 3 |
| 17:00 | 18.6 | 46 | .034 | 0 | 2 | 3 |
| 18:00 | 29.7 | 46 | .034 | 0 | 3 | 3 |
| 19:00 | 10.3 | 47 | .034 | 0 | 3 | 3 |
| 20:00 | 8.5 | 47 | .035 | 0 | 3 | 3 |
| 21:00 | 8.2 | 47 | .032 | 0 | 3 | 3 |
| 22:00 | 9.4 | 47 | .033 | 0 | 1 | 2 |
| 23:00 | 5.8 | 48 | .032 | 0 | 1 | 2 |
| Average | 9.6 | 47 | .034 | | 3 | 3 |
| Max | 29.7 | 48 | .04 | 1 | 6 | 6 |
| Min | 2.2 | 45 | .03 | 0 | 1 | 2 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 |

# Screen Shot of Flag Editor

# Screen Shot of AQI Program Editor

# Scheduled Task Status